

West Branch Delaware River at Hale Eddy, New York						
Latitude:	Longitude:	Gauge Elevation:	Drainage Area:	County of Gage:	County of Town:	Weather Office:
42°00'11" or 42.003056° N	75°23'01" or 75.383889° W	946.46 feet	595 mi2	Delaware, NY	Delaware, NY	Binghamton
Major Basin:	Sub Basin:	Minor Sub Basin:		Minor:	Moderate:	Major:
Delaware	Main Stem Delaware	Main Stem Delaware		11.00	13.00	15.00
Period of Record (used in flood frequency)			Outside Period of Record (not used in flood frequency)			
10/1/1963 to Present			10/10/1903 to 9/30/1963			
Feet	Flood Impacts					
24.40	FEMA flood insurance maps indicate that a river level of 24.4 feet corresponds to the water elevation associated with the 0.2 percent (500 year) flood zone. If your property is determined to be in this zone, then it is at a high risk for flooding during a record flood event. This magnitude of flooding has a 0.2 percent chance of occurring in any year.					
20.30	This level is the all-time, historic flood of record before the existence of the stream gauge at this location. The flood occurred on October 9, 1903, and is commonly known as the Pumpkin Flood.					
19.10	This level is the modern day record flood of June 2006. Widespread flooding occurred from Cannonsville Dam to Hancock with catastrophic property and infrastructure damages.					
16.80	FEMA flood insurance maps indicate that a river level of 16.8 feet corresponds to the water elevation associated with the 1 percent (100 year) flood zone. If your property is determined to be in this zone, then it is at a high risk for flooding during major floods. This magnitude of flooding has a 1 percent chance of occurring in any year.					
15.00	Major Flood Stage. Above 15 feet, riverside campgrounds and resorts are flooded. River water crosses portions of River Road, Faulkner Road and Sherman Creek Road. Some homes in the area are flooded. In Hancock, river water spreads across S. Pennsylvania Avenue, and affects portions of Old State Road and W. Main Street near Exit 87 off Route 17. There is also considerable backwater flooding in the Village along Sands Creek and Shehawken Creek.					
13.00	Moderate Flood Stage. Between 13 and 15 feet, flooding of farm lands adjacent to the river intensifies. River water encroaches onto properties along parts of River Road and Sherman Creek Road. Winterdale Road and River Road in Hancock are flooded.					
11.00	Minor Flood Stage. Between 11 and 13 feet, minor flooding of farm lands adjacent to the river begins. River flooding affects Winterdale Road and River road in the Village of Hancock.					
Gauge Stage Changes						
Start and End Date		Minor	Moderate		Major	
Not available		Not available	Not available		Not available	